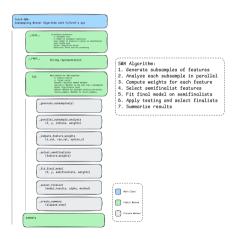
Subsampling Winner Algorithm for heteroskedastic variance data

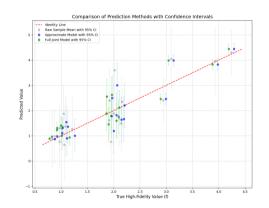
h-SWA as a three-stage procedure:

- Estimates observation-specific variances through subsample residual aggregation.
- Refines estimates via smoothing methods.
- Uses the estimated variances to weight the data and transform the heteroskedastic problem into a homoskedastic one, allowing standard SWA to be applied.



Offline Simulation Online Learning

The OSOL algorithm is an online parameter estimation method that combines inexpensive low-fidelity model information with expensive high-fidelity simulation data through online generative updates, enabling efficient simulation budget allocation while maintaining statistical accuracy.



Explainable Machine Learning to Improve Donor-Recipient Matching at Time of Heart Transplantation

A Complete Data Science Pipeline

